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2 Port SuperSpeed USB 3.0 VGA / Dual-Link DVI / DisplayPort® / HDMI® KVM Switch with Audio and Cables

SV231U3A
SV231DLU3A
SV231DPU3A
SV231HDU3A

*SV231U3A Shown

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

The SV231xxU3A 2 Port SuperSpeed USB 3.0 VGA / Dual-Link DVI / DisplayPort® / HDMI® KVM Switch with Audio and Cables lets you control 2 VGA / Dual-Link DVI / DisplayPort® / HDMI®, USB 3.0 equipped PCs with a single monitor, keyboard, mouse and audio peripheral set.

This USB 3.0 KVM Switch offers an integrated 2 port hub that supports USB 3.0 data rates of up to 5 Gbps, and is backward compatible with USB 2.0 and 1.1/1.0 devices, ensuring flawless performance for your USB peripherals.

Offering support for high resolutions, this 2 port USB 3.0 KVM switch has the ability to drive large displays with ease, ideal for graphical applications that require high-res video output.

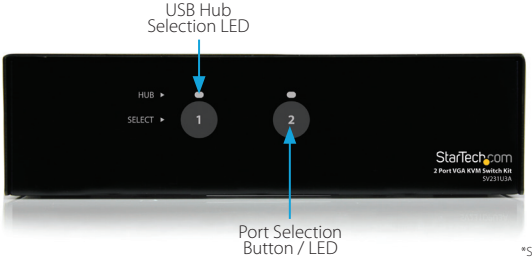
Packaging Contents

- 1 x 2 Port USB 3.0 KVM Switch
- 2 x Video M/M Cables
- 2 x USB 3.0 A-B Cables
- 2 x 3.5mm Audio/Mic Cables
- 1 x Universal Power Adapter (NA/ UK/ EU)
- 1 x Instruction Manual

System Requirements

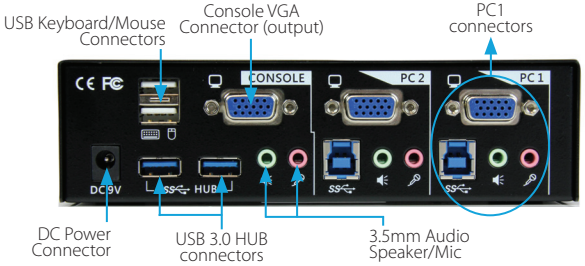
- One VGA / DVI / DisplayPort® / HDMI® display device (i.e. monitor, projector, TV, etc.)
- A VGA / DVI / DisplayPort® / HDMI® output for each computer
- USB enabled computer system with available USB port
- Standard 104-key keyboard
- Standard 3-button mouse

Front View

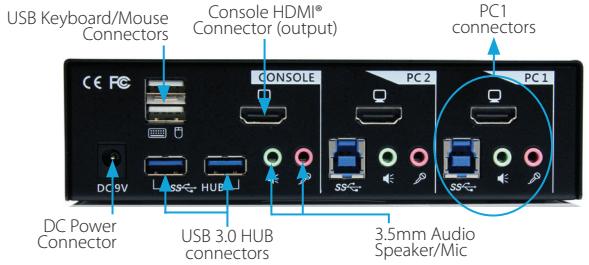


*SV231U3A Shown

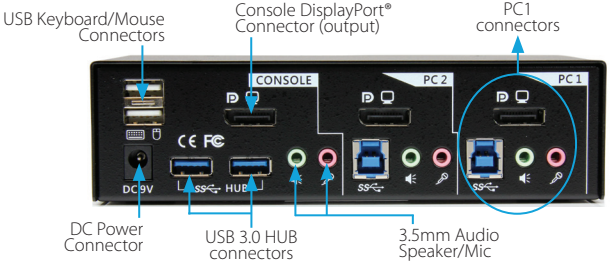
Rear View - SV231U3A



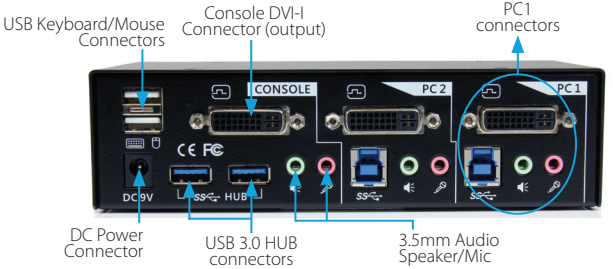
Rear View - SV231HDU3A



Rear View - SV231DPU3A



Rear View - SV231DLU3A



Installation

Hardware Installation

1. Connect a VGA / DVI / DisplayPort® / HDMI® monitor into the Console's video connector; plug a USB keyboard and a USB mouse into the dedicated USB keyboard and mouse ports on the KVM switch. If using audio, also connect speakers with 3.5mm mini-jack plugs.
2. Use the appropriate male-to-male video cable to connect the computer's video card, to the VGA / DVI / DisplayPort® / HDMI® ports for one of the KVM's PC ports (i.e. PC1).
3. Use a USB type A-B Cable to connect the KVM's USB port (type B, square connector) for the PC port used in Step 2, and the USB port on the computer (type A, flat connector). If using audio, connect 3.5mm mini-jack cables from the PC port to the sound card.
4. Repeat Steps 2 and 3 for each PC port on the KVM switch, or each computer you wish to use on the KVM.

OPTIONAL: Connect any other USB peripherals you wish to share between the connected computers/devices to the extra USB Hub port on the Console side.

5. Connect the external power adapter from a wall outlet to the power connector on the rear panel of the KVM switch.
6. Power up the first computer/device and wait for it to fully boot and test keyboard/mouse functionality.
7. Once operation has been successfully confirmed, switch to the next port and power up that computer/device and confirm.
8. Once completed for all computers/devices connected to the KVM switch, you should be able to switch between ports freely.

Driver Installation

No driver installation is required for the KVM switch, as the keyboard/mouse use USB drivers that are already installed on any operating system that fully supports USB.

Operation

Front Panel

The front-panel Smart Touch button allows you a direct control over KVM switching operation. Simply press the button to switch to the respective PC port. For more operation about Smart Touch button, please refer to "Quick Reference Sheet".

Hotkey Control

A Hotkey command is a short keyboard sequence for selecting a computer, activating computer scan, etc. A hotkey sequence starts with two left <ScrLk> keystrokes (successively within 2 seconds) followed by one or two more keystrokes. A built-in tone generator creates a high-pitch beep for correct hotkey command; otherwise, one low-pitch beep is generated for errors and the bad key sequence will not be forwarded to the selected computer.

Please refer to the "Quick Reference Sheet" for available commands

Quick Reference Sheet

Command	Hotkeys	Front-Panel Smart Touch Button	Description
Select PC Port (Jointly select PC port/ hub port control/ audio&mic, if binding is enabled)	ScrLk + ScrLk + (1~2/1~4)	Touch the corresponding button to select the active PC port.	Select the PC port
Select Hub Port Control (Jointly select PC and hub port control, if binding is enabled)	ScrLk + ScrLk + F1~F2/F1~F4	Touch the button to toggle the specific PC+USB hub port control. (It works only if PC port/ hub port control binding is enabled.)	Move Hub Port (1~2 / 1~4)

Quick Reference Sheet			
Command	**Hotkeys**	**Front-Panel Smart Touch Button**	**Description**
Select Audio&Mic Port (Jointly select PC port and audio&mic, if binding is enabled)	ScrLk + ScrLk + F5~F6/F5~F8	--	Move audio&mic port
Bind PC and Hub Port Control Switching	ScrLk + ScrLk + Z	--	Bind PC Port with Device Hub Port
Unbind PC and Hub Port Control Switching	ScrLk + ScrLk + X	--	Unbind PC Port with Device Hub Port
Bind PC and Audio&Mic Switching	ScrLk + ScrLk + Q	--	Bind PC Port with audio&mic Port
Unbind PC and Audio&Mic Switching	ScrLk + ScrLk + W	--	Unbind PC port with audio&mic Port
Previous PC port (Jointly select PC/ hub port control, if binding is enabled)	ScrLk + ScrLk + Up Arrow	--	Next lower PC Port
Next PC port (Jointly select PC/ hub port control, if binding is enabled)	ScrLk + ScrLk + Down Arrow	--	Next higher PC Port

Quick Reference Sheet			
Command	**Hotkeys**	**Front-Panel Smart Touch Button**	**Description**
Previous active PC port	ScrLk + ScrLk + [Backspace]	--	Previous active PC Port
Beeper	ScrLk + ScrLk + B	--	Toggle Beeper On/Off
Define Hotkey Preceding Sequence	ScrLk + ScrLk + H+ [ScrLk/CapsLk/ Esc/F12/ NumLk/ left Ctrl/ right Ctrl]	Press and hold down last button (Button 2/ Button 4) till two beeps. Release the button, and press desired hotkey preceding sequence.	Select Hotkey Header [ScrLk/ CapsLk/ Esc/ F12/ NumLk/ left Ctrl/ right Ctrl]
Autoscan	ScrLk + ScrLk + S	--	Start Autoscan
Autoscan with Programmable Delay Time	ScrLk + ScrLk + S + (1~6) 1►10s ; 2►20s ; 3►30s ; 4►40s ; 5►50s ; 6► 60s	--	Autoscan duration adjust to (10~60 seconds)
Stop Autoscan	[Any key]	Touch any button	Stop Autoscan during scan mode

Specifications

	SV231U3A	SV231DLU3A	SV231DPU3A	SV231HDU3A
Console Connectors	1 x VGA (15 pin; High Density D-Sub) Female 2 x USB A (4 pin) Female 2 x 3.5mm Mini-Jack (3 Position) Female	1 x DVI-I (29 pin) Female 2 x USB A (4 pin) Female 2 x 3.5mm Mini-Jack (3 Position) Female	1 x DisplayPort® (20 pin) Female 2 x USB A (4 pin) Female 2 x 3.5mm Mini-Jack (3 Position) Female	1 x HDMI® (19 pin) Female 2 x USB A (4 pin) Female 2 x 3.5mm Mini-Jack (3 Position) Female
Computer Connectors (per port)	1 x VGA (15 pin; High Density D-Sub) Female 2 x USB 3.0 B (9pin; SuperSpeed) Female 2 x 3.5mm Mini-Jack (3 Position) Female	1 x DVI-I (29 pin) Female 2 x USB 3.0 B (9pin; SuperSpeed) Female 2 x 3.5mm Mini-Jack (3 Position) Female	1 x DisplayPort® (20 pin) Female 2 x USB 3.0 B (9pin; SuperSpeed) Female 2 x 3.5mm Mini-Jack (3 Position) Female	1 x HDMI® (19 pin) Female 2 x USB 3.0 B (9pin; SuperSpeed) Female 2 x 3.5mm Mini-Jack (3 Position) Female
Other Interfaces	2 x USB 3.0 A (9 pin; SuperSpeed) Female			
LEDs	2 x PC Selection Indicator 2 x Hub Selection Indicator			
Switching Modes	Pushbutton, Hot-key			
Maximum Resolution	2048 x 1536	2560 x 1600		1920 x 1200
Audio Support	Yes (2-Channel Stereo)			

	SV231U3A	SV231DLU3A	SV231DPU3A	SV231HDU3A
On Screen Display	No			
Cascadable	No			
Rack-Mountable	No			
Enclosure Type	Steel			
Operating Temperature	0°C to 40°C (32°F to 104°F)			
Storage Temperature	-20°C to 40°C (4°F to 104°F)			
Humidity	0~90% RH Non-Condensing			
Dimensions (LxWxH)	165 x 89 x 46mm			
Weight	940g			

Technical Support

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For the latest drivers/software, please visit **www.startech.com/downloads**

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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